# **Resource Summary Report**

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# **Structure Harvester**

RRID:SCR\_017636 Type: Tool

**Proper Citation** 

Structure Harvester (RRID:SCR\_017636)

#### **Resource Information**

URL: http://taylor0.biology.ucla.edu/structureHarvester/

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**Description:** Web based program for collating results generated by program STRUCTURE. Provides assess and visualize likelihood values across multiple values of K and hundreds of iterations for easier detection of number of genetic groups that best fit data. Reformats data for use in downstream programs, such as CLUMPP.It is complement for using software Structure in genetics population. Website and program for visualizing STRUCTURE output and implementing Evanno method.

Synonyms: StructureHarvester

**Resource Type:** software resource, data access protocol, analysis service resource, web service, service resource, production service resource

Defining Citation: DOI:10.1007/s12686-011-9548-7

**Keywords:** Visualizing, STRUCTURE, Evanno, method, collating, result, detection, genetic, group, fit, data, reformat

Funding: NCI U24 CA143858; NCI R21 CA135937

Availability: Free, Freely available

Resource Name: Structure Harvester

Resource ID: SCR\_017636

Record Creation Time: 20220129T080336+0000

Record Last Update: 20250528T061420+0000

## **Ratings and Alerts**

No rating or validation information has been found for Structure Harvester.

No alerts have been found for Structure Harvester.

### Data and Source Information

Source: SciCrunch Registry

#### **Usage and Citation Metrics**

We found 285 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

Kniesz K, et al. (2025) High genomic connectivity within Anatoma at hydrothermal vents along the Central and Southeast Indian Ridge. Scientific reports, 15(1), 1971.

Yang H, et al. (2025) Population Genetics of Haliotis discus hannai in China Inferred Through EST-SSR Markers. Genes, 16(1).

de Sales RP, et al. (2024) Addressing Conservation Needs: Genetic Diversity and Population Ecology of the Endemic Tree Spondias tuberosa Arruda. Scientifica, 2024, 5023974.

Arévalo-Marín E, et al. (2024) Genetic analyses and dispersal patterns unveil the Amazonian origin of guava domestication. Scientific reports, 14(1), 15755.

Zheng JX, et al. (2024) Species Composition of a Small Mammal Community and Prevalence of Echinococcus spp. in the Alpine Pastoral Area of the Eastern Tibetan Plateau. Pathogens (Basel, Switzerland), 13(7).

Bernád V, et al. (2024) Unlocking the genetic diversity and population structure of the newly introduced two-row spring European Herltage Barley collecTion (ExHIBiT). Frontiers in plant science, 15, 1268847.

Faria JCT, et al. (2024) Genetic resources of African mahogany in Brazil: genomic diversity and structure of forest plantations. BMC plant biology, 24(1), 858.

Meulenbroek P, et al. (2024) Small-scale metapopulation structure of a limnophilic fish species in a natural river system investigated using microsatellite genotyping by amplicon sequencing (SSR-GBAS). BMC ecology and evolution, 24(1), 1.

Abuelmaali SA, et al. (2024) Population genetic structure of Aedes aegypti subspecies in selected geographical locations in Sudan. Scientific reports, 14(1), 2978.

Sallam A, et al. (2024) Genome-wide analysis for root and leaf architecture traits associated with drought tolerance at the seedling stage in a highly ecologically diverse wheat population. Computational and structural biotechnology journal, 23, 870.

Wang X, et al. (2024) Phenotypic diversity and population structure of Pecan (Carya illinoinensis) collections reveals geographic patterns. Scientific reports, 14(1), 18592.

Habib Z, et al. (2024) Empirical phenotyping and genome-wide association study reveal the association of panicle architecture with yield in Chenopodium quinoa. Frontiers in microbiology, 15, 1349239.

Verma VK, et al. (2024) Ecology, genetic diversity, and population structure among commercial varieties and local landraces of Capsicum spp. grown in northeastern states of India. Frontiers in plant science, 15, 1379637.

López-Cuamatzi IL, et al. (2024) Molecular and morphological data suggest a new species of big-eared bat (Vespertilionidae: Corynorhinus) endemic to northeastern Mexico. PloS one, 19(2), e0296275.

Tian M, et al. (2024) Genetic diversity analysis and core germplasm bank construction in cold resistant germplasm of rubber trees (Hevea brasiliensis). Scientific reports, 14(1), 14533.

Ding Y, et al. (2024) Comparative chloroplast-specific SNP and nSCoT markers analysis and population structure study in kiwifruit plants. Hereditas, 161(1), 18.

Yao F, et al. (2024) Identification of 39 stripe rust resistance loci in a panel of 465 winter wheat entries presumed to have high-temperature adult-plant resistance through genomewide association mapping and marker-assisted detection. Frontiers in plant science, 15, 1514926.

Touchette L, et al. (2024) A cryptic syngameon within Betula shrubs revealed: Implications for conservation in changing subarctic environments. Evolutionary applications, 17(4), e13689.

Molina-de la Fuente I, et al. (2024) Evolution of pfhrp2 and pfhrp3 deletions in Equatorial Guinea between the pre- and post-RDT introduction. Malaria journal, 23(1), 215.

Nouraei S, et al. (2024) Genome-wide association study of drought tolerance in wheat (Triticum aestivum L.) identifies SNP markers and candidate genes. Molecular genetics and genomics : MGG, 299(1), 22.